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Discussion:

Precipitation was largely confined to the southwestern quadrant of the state and NPOL domain. It was sampled with back to back IFLOOD_RAIN scans. In the afternoon as the convection moved from the western border inward, sector scans were run on the storms from NPOL. The convection was very intense as it moved eastward, but died as it moved over the NPOL/Disdrometer ray line. In fact, it was primarily stratiform in our area (and light). As the eastern edge of the stratiform moved over the disdrometer ray, scans were changed to the A/B scans (RAIN and RHI back to back). Sampled a seeder process with the RHI's that started with a patch of developing bright band under a deeper upper band of snow, followed by a shaft of virga and finally rain. Then, we ended up sampling an amazing macroburst on the back edge of the stratiform region- a roughly 25 m/s gust that stopped the antenna (and hence the issue of wind at or above 50 mph needs to be addressed with Selex). The amazing thing was that this was on the back edge of very light stratiform rain (no convection).Moreover, it occurred rapidly (within 5 minutes) and hence only could really be captured with the rapid scanning we were doing. The evaporation on the back side of the stratiform must have been quite robust.

D3R was packed up today and is ready for transport back to WFF. A really good experiment for it- very well done.

WAP